

BRUHAT BANGALORE MAHANAGARA PALIKE
EXECUTIVE ENGINEER PROJECT DIVISION DASRAHALLI

Name of Work: Development Works to Out door Stadium in PKs Colony Slum in Ward No.13

SI No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	Civil Work								
1	KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3 (I No-19.1, P No-133)								
	For SSM Foundation East side of Outdoor Stadium	1	33.00	0.75	0.45	11.14			
	CC Drain								
	CC darin at East side of Outdoor Stadium	1	71.00	1.50	1.10	117.15			
	CC darin at West side of Outdoor Stadium	1	90.00	1.80	1.00	162.00			
	CC darin at South side of Outdoor Stadium	1	54.00	1.50	1.10	89.10			
	Culverts	1	9.00	1.80	1.10	17.82			
						397.21	Cum	170.92	67890.71
2	KSRRB 4-1.2 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms^thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KRS 4.1, 4.2. (P.No-12, I No-4.2)								
	For SSM Foundation East side of Outdoor Stadium	1	33.00	0.75	0.15	3.71			
	CC Drain								
	CC darin at East side of Outdoor Stadium	1	71.00	1.50	0.15	15.98			
	CC darin at West side of Outdoor Stadium	1	90.00	1.80	0.15	24.30			

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	CC darin at South side of Outdoor Stadium	1	54.00	1.50	0.15	12.15			
	Culverts	1	9.00	1.80	0.15	2.43			
	CC Road								
	East side of Outdoor Stadium	1	30.00	9.80	0.15	44.10			
		1	4.10	18.00	0.15	11.07			
		1	6.00	17.00	0.15	15.30			
						129.04	Cum	5348.76	690190.62
3	Providing laying palin / reinforced cement concrete for Box Drain walls of thicknes 10cm to 20 cm including cenmtering shuttering form work etc. complete as per approved drawiong and design MORTH Specification No. 1500,1700,2200 PCC M 20 Grade upto 0.75 m height using concrete mixture.(I No-37.59.2,P No-265)								
	CC Drain Raft								
	CC darin at East side of Outdoor Stadium	1	71.00	1.20	0.15	12.78			
	CC darin at West side of Outdoor Stadium	1	90.00	1.50	0.15	20.25			
	CC darin at South side of Outdoor Stadium	1	54.00	1.20	0.15	9.72			
	Culverts	1	9.00	1.50	0.15	2.03			
	CC Drain Wall								
	CC darin at East side of Outdoor Stadium	2	71.00	0.15	0.60	12.78			
	CC darin at West side of Outdoor Stadium	2	90.00	0.15	0.90	24.30			
	CC darin at South side of Outdoor Stadium	2	54.00	0.15	0.60	9.72			
	Culverts	2	9.00	0.23	1.20	4.97			
	Culverts Top Slab	1	9.00	1.50	0.30	4.05			
						100.59	Cum	11032.48	1109790.26

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
4	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 (I No-4.46.2, P No-17)								
	Consider 65kg/Cum	1	100.59	65.00		6538.55			
	Consider 6.5kg/Sqm for Road	1	469.80	6.50		3053.70			
						9592.25			
						9.59	Tn	64243.42	616238.62
5	Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting, including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc, complete. (Data Rate)								
	CC Drain Raft								
	CC drain at East side of Outdoor Stadium	1	81.00	0.90		72.90			
	CC drain at West side of Outdoor Stadium	1	90.00	1.20		108.00			
	CC drain at South side of Outdoor Stadium	1	54.00	0.90		48.60			
						229.50	Sqm	2100.00	481950.00
6	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation cement mortar 1:6, stone hammerdressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. (I No-5.6, P No-23)								
	For SSM Foundation East side of Outdoor Stadium	1	33.00	0.60	0.45	8.91			
		1	33.00	0.60	0.60	11.88			
						20.79	Cum	4438.22	92,270.59
7	KSRB 15.1.3 – do – Providing ruled pointing to coursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications.								
	For SSM Foundation East side of Outdoor Stadium								
		1	33.00		0.45	14.85			
						14.85	Cum	103.88	1,542.62

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
8	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications.(P.No-12,I No-4.6)								
	For SSM Foundation East side of Outdoor Stadium	1	33.00	0.60	0.10	1.98			
						1.98	Cum	5767.46	11,419.57
9	Excavation in Soil using Hydraulic Excavator CK 90 and Tippers with Disposal KSRRB M300-14. Excavation for roadwork in soil with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location and complete as per specifications.(P.No. 143, I.No. 19.14)								
	CC Road								
	East side of Outdoor Stadium	1	30.00	9.80	0.60	176.40			
		1	4.10	18.00	0.60	44.28			
		1	6.00	17.00	0.60	61.20			
						281.88	Cum	80.76	22764.63
10	KSRRB 300-Compaction KSRRB 300-58. Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occurring during rolling including cost of all labour, HOM of machinery complete as per specifications.(P.No. 149, I.No. 19.64)								
	CC Road								
	East side of Outdoor Stadium	1	30.00	9.80		294.00			
		1	4.10	18.00		73.80			
		1	6.00	17.00		102.00			
						469.80	Sqm	5.30	2489.94
11	KSRRB M300- Construction of Embankment with Material Gravel/ Murrum. KSRRB M300-53. Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300- 2 complete as per specifications.(Including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of proctors density) MORTH Specification No. 305								
	CC Road								
	East side of Outdoor Stadium	1	30.00	9.80	0.30	88.20			
		1	4.10	18.00	0.30	22.14			
		1	6.00	17.00	0.30	30.60			
	Earth filling(out door stadium)	1	15.25	8.25	2.50	314.53			
		1	13.50	5.50	2.50	185.63			
		1	16.00	10.00	2.50	400.00			
		1	17.00	6.00	2.50	255.00			

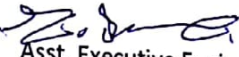
Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	Triangle portion	0.5	15.00	8.00	2.50	150.00			
		0.5	6.00	2.50	2.50	18.75			
		1	13.00	10.50	2.50	341.25			
		1	12.25	5.50	2.50	168.44			
		1	8.00	8.00	2.50	160.00			
		1	7.75	5.00	2.50	96.88			
		1	7.00	5.20	2.50	91.00			
						2322.41	Cum	320.12	743449.49
12	KSRRB M400-6.1. Construction of granular sub-base by providing close graded crushed stone aggregates of granite / trap / basalt material, mixing in a mechaical mix plant at OMC, carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specifications. A. Plant Mix Method. - For Grading II Material (P.No.155, I.No. 20.4.2)								
	CC Road								
	East side of Outdoor Stadium	1	30.00	9.80	0.15	44.10			
		1	4.10	18.00	0.15	11.07			
		1	6.00	17.00	0.15	15.30			
						70.47	Cum	1665.26	117350.87
13	KSRRB M600-2. Cement Concrete Pavement :- Construction of un- reinforced, dowel jointed, plain cement concrete pavement over a prepared sub base with 25mm and down size graded granite metal coarse aggregate with superplastisizer at 3lts conforming to IS 9103- 1999 reaffirmed 2008, (Coarse and fine aggregate conforming to IS:383) mixed in a batching and mixing plant as per approved mix design, transported to site, laid with a fixed form or slip form paver, spread, compacted and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints including groove cutting charges, joint filler, separation membrane, sealant primer, joint sealant, debonding strip, dowel bar, tie rod, admixtures as approved, curing compound, finishing to lines and grades as per drawing complete as per specifications. MORTH Specification No. 602. - with M30 @ 360 Kg/cum Cement, C.A, 0.69 cum F.A. 0.46 cum								
	CC Road								
	East side of Outdoor Stadium	1	30.00	9.80	0.15	44.10			
		1	4.10	18.00	0.15	11.07			
		1	6.00	17.00	0.15	15.30			
						70.47	Cum	7110.48	501075.53
4	Vaccum de-watering with vacuum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator, HOM of machinery, Screed Vibratory, Power Floater, blade and disc etc., with all lead and lift.								
	CC Road								
	East side of Outdoor Stadium	1	30.00	9.80		294.00			
		1	4.10	18.00		73.80			
		1	6.00	17.00		102.00			
						469.80	Sqm	95.40	44818.92
Total Construction Cost									4503242.37
KRIDL Charges 11%									495356.66

Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
Sub Total								4998124.34
Utility Shifting, miscellaneous and Rounding off								1,875.66
GRAND TOTAL								5000000.00

Certificate

1. The workspot was inspected and works is found to be necessary.
2. The area comes within the Bruhat Bangalore Mahanagara Palike limits.
3. The rates adopted based on the PWD SR, Bangalore circle for year 2016-2017 and Data Rates

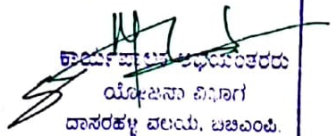

Assistant Engineer
Project division, Dasrahalli
BBMP Bangalore


Asst. Executive Engineer,
Project division, Dasrahalli
BBMP Bangalore


Executive Engineer,
Project division, Dasrahalli
BBMP Bangalore

ನಂ: BBMP/EE/2018/53/17-18, ದಿನಾಂಕ: 20/03/18
ರೂ: Rs. 50.1 - Lacs only

ಈ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ.


ಪ್ರಾಜೆಕ್ಟ್ ವಿಭಾಗದ
ವ್ಯವಸ್ಥಾಪಕ ನಿರ್ದೇಶಕರು
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬಿಬಿಎಂಪಿ.

ನಂ: CE/15/18/17-18, ದಿನಾಂಕ: 20/03/18
ರೂ: Rs. 50.00 Lacs only

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ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬಿಬಿಎಂಪಿ.